

Seasonal Changes

**K-4 The student will demonstrate an understanding of seasonal weather changes.
(Earth Science)**

K-4.1 Identify weather changes that occur from day to day.

Taxonomy level: 1.1-A Remember Factual Knowledge

Previous/Future knowledge: As with other indicators at this grade level, students will experience their first formal introduction to important science concepts. These concepts will be expanded as the students advance in their science education. Students will further study this concept in 2nd grade (2-3) when they demonstrate an understanding of daily and seasonal weather conditions.

It is essential for students to be able to identify weather changes from day to day and to recognize that weather changes on a daily basis. There are many different types of weather conditions, for example, sunny, rainy, stormy, snowy, cloudy, windy, hot, wet, or cold.

NOTE TO TEACHER: In conjunction with K-1.3, they can predict the weather based on observations.

It is not essential for students to use weather instruments to gather data. Data collection using instruments will be introduced at 2nd grade (2-1.2 and 2-3.4) where students will use a thermometer, rain gauge, and wind vane or sock to measure and record weather information.

Assessment Guidelines:

The objective of this indicator is to *identify* daily weather changes; therefore, the primary focus of assessment should be to remember different types of weather conditions. However, appropriate assessments should also require students to *identify* how the weather is different today compared to yesterday using specific terms.